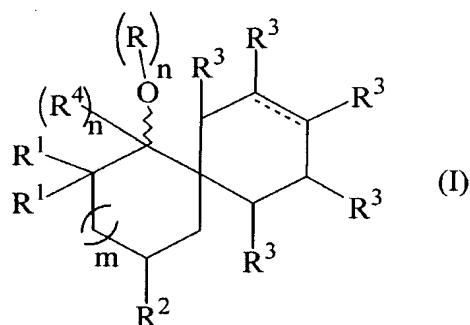


AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings and versions of claims in this application.

1. (Original) A composition comprising, as perfuming ingredient, at least one compound of formula



wherein the index m represents 0 or 1;

R represents a hydrogen atom, or a methyl or acetyl group;

R¹, R² and R⁴ represent a hydrogen atom or a methyl group;

R³ represents a hydrogen atom, or a methyl or ethyl group; two, three or four of all the R¹, R², R³ and R⁴ representing simultaneously a group containing at least a carbon atom; and

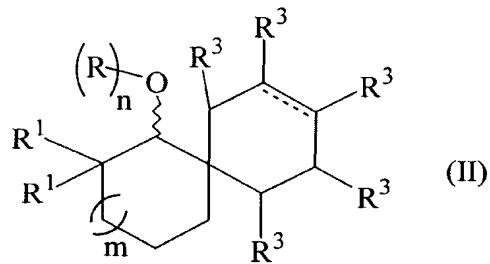
the wavy and dotted lines represent a double bond, in which case n represents 0;

or

the wavy line represents a single bond, in which case the index n represents 1; and the dotted line represents a single or double bond;

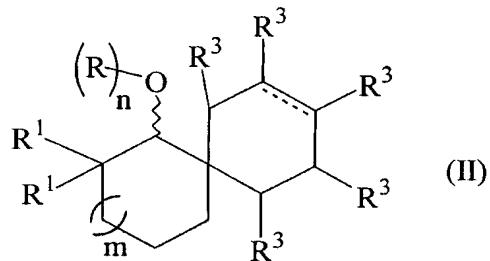
in the form of any one of its optical isomers or diastereomers or of a mixture thereof, and a perfume base.

2. (Original) A composition according to claim 1, wherein the perfuming ingredient is a compound of formula



wherein n, m, R, R¹, R³, the wavy line and the dotted line have the same meaning as indicated in claim 1.

3. (Previously Presented) A composition according to claim 1, wherein the perfuming ingredient is a compound of formula (II)

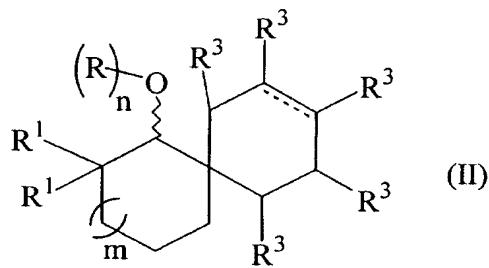


wherein the indexes m and n and the dotted and wavy lines have the same meaning as in claim 1; and

R represents a hydrogen atom or an acetyl group;

R¹ and R³ represent a hydrogen atom or a methyl group; two, three or four of all the R¹ and R³ representing simultaneously a methyl group and one, two or three of all the R³ representing simultaneously a methyl group.

4. (Previously Presented) A composition according to claim 1, wherein the perfuming ingredient is a compound of formula (II)



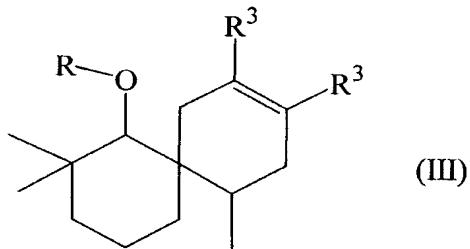
wherein the indexes m and n and the dotted and wavy lines have the same meaning as in claim 1; and

R represents a hydrogen atom or an acetyl group;

one R¹ is a hydrogen atom and the other R¹ represents a hydrogen atom or a methyl group;

R³ represents a hydrogen atom or a methyl or ethyl group; two, three or four of all the R¹ and R³ being a group containing at least a carbon atom and one, two or three of all the R³, preferably non adjacent, representing a methyl or ethyl group.

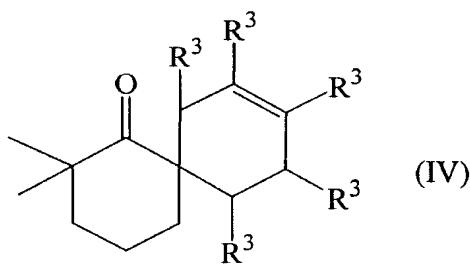
5. (Original) A composition according to claim 1, wherein in that the perfuming ingredient is a compound of formula



wherein R represents a hydrogen atom or an acetyl group; and

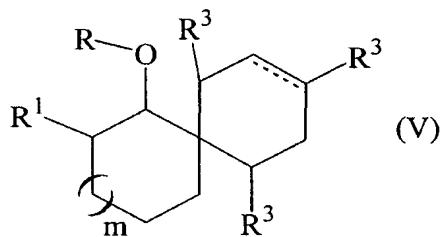
the R³ are identical and represent a hydrogen atom or the R³ are different and represent a hydrogen atom or a methyl group.

6. (Original) A composition according to claim 1, wherein the perfuming ingredient is a compound of formula



wherein two R³ represent a methyl group and the other R³ represent a hydrogen atom.

7. (Original) A composition according to claim 1, wherein the perfuming ingredient is a compound of formula



wherein R represents a hydrogen atom or an acetyl group;

R¹ represents a hydrogen atom or a methyl group; and

R³ represents a hydrogen atom or a methyl or ethyl group and at least two R³ represent a methyl group; and

m is 1 and the dotted line represents a single bond, or

m is 0 and the dotted line represents a double bond.

8. (Original) A composition according to claim 1, wherein said composition comprises, as perfuming ingredient, 2,2,9,11-tetramethylspiro[5.5]undec-8-en-1-yl acetate, 2,2,11-trimethylspiro[5.5]undec-8-en-1-ol, or a mixture of 2,2,7,9-tetramethylspiro[5.5]undec-8-en-1-one and 2,2,8,10-tetramethylspiro[5.5]undec-8-en-1-one.

9. (Original) A composition according to claim 1, wherein said composition comprises, as perfuming ingredient, 2,2,11-trimethylspiro[5.5]undecan-1-ol, 2,2-dimethylspiro[5.5] undec-8-en-1-one, (1RS,6SR,11SR)-2,2,9,11-tetramethylspiro[5.5]undec-8-en-1-yl acetate, (1RS,6RS,11RS)-2,2,11-trimethylspiro[5.5]undec-8-en-1-ol, (1RS,6RS,11RS)-

2,2,9,11-tetramethylspiro[5.5]undec-8-en-1-yl acetate, 2,6,8-trimethylspiro[4.5]dec-7-en-1-ol or 7-ethyl-11-methylspiro[5.5]undecan-1-ol or a mixture of 2,2,10-trimethylspiro[5.5]undec-8-en-1-one and 2,2,7-trimethylspiro[5.5]undec-8-en-1-one or a mixture of 6,8-dimethyl-spiro[4.5]dec-7-en-1-yl acetate and 7,9-dimethyl-spiro[4.5]dec-7-en-1-yl acetate.

10. (Original) A composition consisting of at least a compound of formula (I), as defined in claim 1, and at least one perfumery carrier.

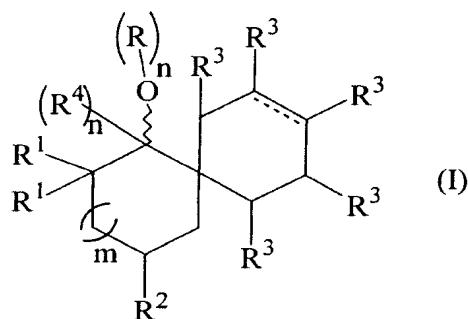
11. (Original) A perfumed article comprising:

- i) at least one compound of formula (I), as defined in claim 1; and
- ii) a consumer product base.

12. (Original) A perfumed article according to claim 11, wherein said consumer product base is in the form of a solid or liquid detergent, a fabric softener, a perfume, a cologne, an after-shave lotion, a perfumed soap, a shower or bath salt, mousse, oil or gel, a hygiene product, a hair care product, a shampoo, a body-care product, a deodorant, an antiperspirant, an air freshener, a cosmetic preparation, a fabric refresher, an ironing water, a paper, a wipe or a bleach.

13. (Previously Presented) A method to confer, enhance, improve or modify the odor properties of a perfuming composition or of a perfumed article, which method comprises adding to said composition or article an effective amount of a composition of claim 1 or at least a compound of formula (I) as defined in claim 1.

14. (Previously Presented) A compound of formula (I)



wherein the index m represents 0 or 1;

R represents a hydrogen atom, or a methyl or acetyl group;

R¹, R² and R⁴ represent a hydrogen atom or a methyl group;

R³ represents a hydrogen atom, or a methyl or ethyl group; two, three or four of all the R¹, R², R³ and R⁴ representing simultaneously a group containing at least a carbon atom; and

the wavy and dotted lines represent a double bond, in which case n represents 0;

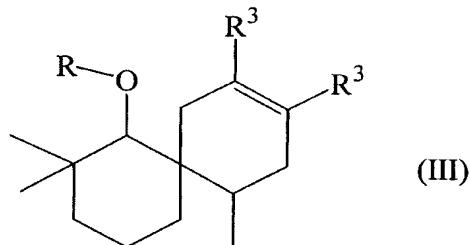
or

the wavy line represents a single bond, in which case the index n represents 1; and the dotted line represents a single or double bond;

in the form of any one of its optical isomers or diastereomers or of a mixture thereof, provided that 2,8 dimethyl spiro[5,5]undec-8-en-1-one, 2,9-dimethyl spiro[5,5]undec-8-en-1-one,

1,9 dimethyl spiro[5,5]undec-8-en-1-ol, 1,8-dimethyl spiro[5,5]undec-8-en-1-ol, 1,7-dimethyl spiro[4,5]dec-7-en-1-ol, 1,8-dimethyl spiro[4,5]dec-7-en-1-ol, 8,9-dimethyl spiro[5,5]undec-8-en-1-one and 7,8-dimethyl spiro[4,5]dec-7-en-1-one are excluded.

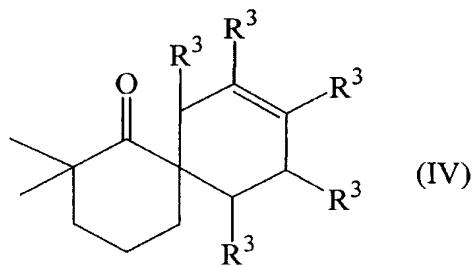
15. (Original) A compound according to claim 14, of formula



wherein R represents a hydrogen atom or an acetyl group; and

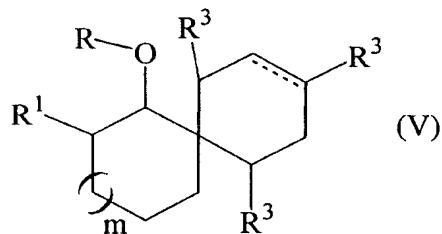
the R³ are identical and represent a hydrogen atom or the R³ are different and represent a hydrogen atom or a methyl group.

16. (Original) A compound according to claim 14, of formula



wherein two R³ represent a methyl group and the other R³ represent a hydrogen atom.

17. (Original) A compound according to claim 14, of formula



wherein R represents a hydrogen atom or an acetyl group;

R¹ represents a hydrogen atom or a methyl group; and

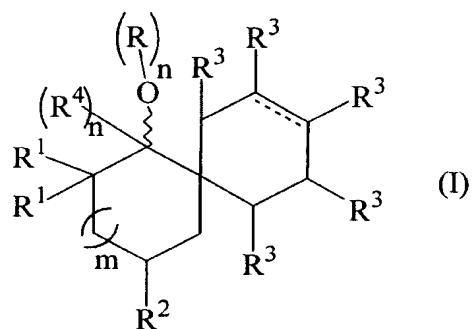
R³ represents a hydrogen atom or a methyl or ethyl group and at least two R³ represent a methyl group; and

m is 1 and the dotted line represents a single bond, or

m is 0 and the dotted line represents a double bond.

18. (Original) As compound according to claim 14, 2,2,9,11-tetramethylspiro[5.5]undec-8-en-1-yl acetate, 2,2,11-trimethylspiro[5.5]undec-8-en-1-ol, 2,2,11-trimethylspiro[5.5] undecan-1-ol, 2,2-dimethylspiro[5.5]undec-8-en-1-one, (1RS,6SR,11SR)-2,2,9,11-tetramethylspiro[5.5]undec-8-en-1-yl acetate, (1RS,6RS,11RS)-2,2,11-trimethylspiro[5.5] undec-8-en-1-ol, 2,6,8-trimethylspiro[4.5]dec-7-en-1-ol, 7-ethyl-11-methylspiro[5.5] undecan-1-ol or (1RS,6RS,11RS)-2,2,9,11-tetramethylspiro[5.5]undec-8-en-1-yl acetate.

19. (Previously Presented) A composition of at least two compounds of formula (I):



wherein the index m represents 0 or 1;

R represents a hydrogen atom, or a methyl or acetyl group;

R¹, R² and R⁴ represent a hydrogen atom or a methyl group;

R³ represents a hydrogen atom, or a methyl or ethyl group; two, three or four of all the R¹, R², R³ and R⁴ representing simultaneously a group containing at least a carbon atom; and

the wavy and dotted lines represent a double bond, in which case n represents 0;

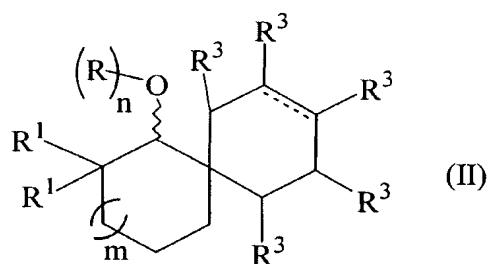
or

the wavy line represents a single bond, in which case the index n represents 1; and the dotted line represents a single or double bond;

in the form of any one of its optical isomers or diastereomers or of a mixture thereof, provided that the compositions consisting of 2,8-dimethyl spiro[5,5]undec-8-en-1-one and 2,9-dimethyl spiro[5,5]undec-8-en-1-one, or 1,9-dimethyl spiro[5,5]undec-8-en-1-ol and 1,8-dimethyl spiro[5,5]undec-8-en-1-ol, or 1,7-dimethyl spiro[4,5]dec-7-en-1-ol and 1,8-dimethyl spiro[4,5]dec-7-en-1-ol are excluded.

20. (Original) As a composition according to claim 19, a composition containing essentially 2,2,7,9-tetramethylspiro[5.5]undec-8-en-1-one and 2,2,8,10-tetramethylspiro[5.5]undec-8-en-1-one, or a composition containing essentially 2,2,10-trimethylspiro[5.5]undec-8-en-1-one and 2,2,7-trimethylspiro[5.5]undec-8-en-1-one or a composition containing essentially 6,8-dimethyl-spiro[4.5]dec-7-en-1-yl acetate and 7,9-dimethyl-spiro[4.5]dec-7-en-1-yl acetate.

21. (New) A compound according to claim 14, of formula (II)



wherein:

the indexes m and n each individually represents 0 or 1;

R represents a hydrogen atom, or an acetyl group;

R¹ and R³ represent a hydrogen atom or a methyl group;

two, three or four of all the R¹ and R³ representing simultaneously a methyl group and one, two or three of all the R³ representing simultaneously a methyl group;

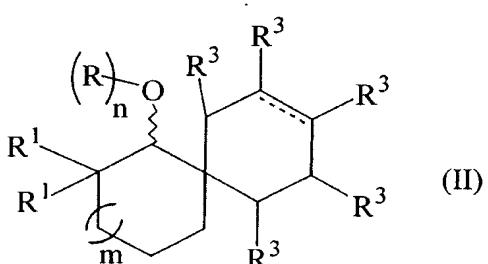
R² and R⁴ represent a hydrogen atom or a methyl group;

the wavy and dotted lines represent a double bond, in which case n represents 0; or

the wavy line represents a single bond, in which case the index n represents 1; and

the dotted line represents a single or double bond.

22. (New) A compound according to claim 14, of formula (II)



wherein:

the indexes m and n each individually represents 0 or 1;

R represents a hydrogen atom, or an acetyl group;
one R¹ is a hydrogen atom and the other R¹ represents a hydrogen atom or a methyl group;
R³ represents a hydrogen atom or a methyl or ethyl group; two, three or four of all the R¹ and R³ being a group containing at least a carbon atom and one, two or three of all the R³, preferably non adjacent, representing a methyl or ethyl group;
the wavy and dotted lines represent a double bond, in which case n represents 0; or
the wavy line represents a single bond, in which case the index n represents 1; and
the dotted line represents a single or double bond.